AMENDMENTS

In the Claims

The following is a marked-up version of the claims with the language that is underlined ("___") being added and the language that contains strikethrough ("—") being deleted:

Claim 1 (Currently Amended): A system of order fulfillment, comprising:

a machine executing:

a pre-picking unit picking an order corresponding to a product, receiving information regarding at least a first lot corresponding to the same product having WIP (Work In Process) status from an MES, and picking at least a first lot corresponding to the same product having WIP ~~(Work In Process)~~ status to generate a pre-picked invoice including the order and the first lot, wherein the first lot having WIP status representing the first lot is currently manufactured; and

a matching engine to periodically determine whether the first lot has achieved F/G (Finished Goods) status at a first shipping time, and, if so, to automatically generate a first real invoice corresponding to the pre-picked invoice for the order and the first lot.

Claim 2 (Original): The system of claim 1 wherein the first lot has a predetermined forecast date to achieve F/G status.

Claim 3 (Original): The system of claim 1 wherein the pre-picking unit further defines a shipment attribute comprising a Customs declaration for the pre-picked invoice.

Claim 4 (Original): The system of claim 1 wherein the matching engine further sends an email notification when the first real invoice is generated.

Claim 5 (Original): The system of claim 1 wherein the pre-picking unit further determines whether the first lot having WIP status is picked for another pre-picked invoice, and, if so, not to show the first lot for selection.

Claim 6 (Original): The system of claim 1 wherein if the first lot having WIP status is split into a plurality of child lots having WIP status, the matching engine determines whether the child lots of the first lot have achieved F/G status at the first shipping time.

Claim 7 (Original): The system of claim 1 wherein the pre-picking unit further picks a second lot corresponding to the product having WIP status for the pre-picked invoice, and the matching engine further generates a new pre-picked invoice if the second lot has not yet achieved F/G status at the first shipping time.

Claim 8 (Original): The system of claim 7 wherein the matching engine further determines whether the second lot has achieved F/G status at a second shipping time, and, if so, generates a second real invoice corresponding to the new pre-picked invoice for the order and the second lot.

Claim 9 (Original): The system of claim 8 wherein the matching engine further closes the new pre-picked invoice if the second real invoice has been generated.

Claim 10 (Currently Amended): A method of order fulfillment [[,]] for ~~use in~~ an IC foundry, for use in a computer, comprising the steps of:

picking an order corresponding to an IC product by the computer;

receiving information regarding at least a first lot corresponding to the same IC product having WIP (Work In Process) status from an MES by the computer, wherein the first lot having WIP status representing the first lot is currently manufactured;

picking ~~an order corresponding to an IC product and at least a~~ the first lot corresponding to the same IC product having WIP ~~(Work In Process)~~ status by the computer~~, wherein the first lot having WIP status representing the first lot is currently manufactured~~;

generating a pre-picked invoice including the order and the first lot by the computer;

periodically determining whether the first lot has achieved F/G (Finished Goods) status at a first shipping time by the computer; and

automatically generating a first real invoice corresponding to the pre-picked invoice for the order and the first lot if the first lot has achieved F/G status by the computer.

Claim 11 (Original): The method of claim 10 wherein the first lot has a predetermined forecast date to achieve F/G status.

Claim 12 (Currently Amended): The method of claim 10 further comprising defining a shipment attribute comprising a Customs declaration for the pre-picked invoice by the computer.

Claim 13 (Currently Amended): The method of claim 10 further comprising sending an email notification by the computer when the first real invoice is generated.

Claim 14 (Currently Amended): The method of claim 10 further comprising determining whether the first lot having WIP status is picked for another pre-picked invoice by the computer, and, if so, not to show the first lot for selection.

Claim 15 (Currently Amended): The method of claim 10 further comprising determining whether a plurality of child lots split from the first lot having WIP status have achieved F/G status at the first shipping time by the computer.

Claim 16 (Currently Amended): The method of claim 10 further comprising picking a second lot corresponding to the IC product having WIP status for the pre-picked invoice by the computer, and generating a new pre-picked invoice by the computer if the second lot has not yet achieved F/G status at the first shipping time.

Claim 17 (Currently Amended): The method of claim 16 further comprising determining whether the second lot has achieved F/G status at a second shipping time by the computer, and, if so, generating a second real invoice corresponding to the new pre-picked invoice for the order and the second lot by the computer.

Claim 18 (Currently Amended): The method of claim 17 further comprising closing the new pre-picked invoice by the computer if the second real invoice has been generated.

Claim 19 (Currently Amended): A machine-readable storage medium storing a computer program which when executed causes a computer to perform a method of order fulfillment, comprising the steps of:

picking an order corresponding to a product by the computer;

receiving information regarding at least a first lot corresponding to the same product having WIP (Work In Process) status from an MES by the computer, wherein the first lot having WIP status representing the first lot is currently manufactured;

picking ~~an order corresponding to an IC product and at least a~~ the first lot corresponding to the same product having WIP ~~(Work In Process)~~ status by the computer~~, wherein the first lot having WIP status representing the first lot is currently manufactured~~;

generating a pre-picked invoice including the order and the first lot;

periodically determining whether the first lot has achieved F/G (Finished Goods) status at a first shipping time; and

automatically generating a first real invoice corresponding to the pre-picked invoice for the order and the first lot if the first lot has achieved F/G status.

Claim 20 (Original): The storage medium of claim 19 wherein the first lot has a predetermined forecast date to achieve F/G status.

Claim 21 (Original): The storage medium of claim 19 further comprising defining a shipment attribute comprising a Customs declaration for the pre-picked invoice.

Claim 22 (Original): The storage medium of claim 19 further comprising sending email notification when the first real invoice is generated.

Claim 23 (Original): The storage medium of claim 19 further comprising determining whether the first lot having WIP status has been picked for another pre-picked invoice, and, if, so, not to show the first lot for selection.

Claim 24 (Original): The storage medium of claim 19 further comprising determining whether a plurality of child lots split from the first lot having WIP status have achieved F/G status at the first shipping time.

Claim 25 (Original): The storage medium of claim 19 further comprising picking a second lot corresponding to the product having WIP status for the pre-picked invoice, and, if so, generating a new pre-picked invoice.

Claim 26 (Original): The storage medium of claim 25 further comprising determining whether the second lot has achieved F/G status at a second shipping time, and, if so, generating a second real invoice corresponding to the new pre-picked invoice for the order and the second lot.

Claim 27 (Original): The storage medium of claim 26 further comprising closing the new pre-picked invoice if the second real invoice has been generated.

Claim 28 (Currently Amended): A method of order fulfillment for use in a computer, comprising the steps of:

picking an order by the computer;

receiving information regarding at least a first lot having WIP (Work In Process) status from an MES by the computer, wherein the first lot having WIP status representing the first lot is currently manufactured;

picking ~~an order and at least a~~ the first lot having WIP ~~(Work In Process)~~ status by the computer~~, wherein the first lot having WIP status representing the first lot is currently manufactured~~;

generating a pre-picked invoice including the order and the first lot by the computer;

periodically determining whether the first lot has achieved F/G status at a first shipping time by the computer; and

automatically generating a first real invoice corresponding to the pre-picked invoice for the order and the first lot if the first lot has achieved F/G (Finished Goods) status by the computer.

Claim 29 (Original): The method of claim 28 wherein the first lot has a predetermined forecast date to achieve F/G status.

Claim 30 (Currently Amended): The method of claim 28 further comprising defining a shipment attribute comprising a Customs declaration for the pre-picked invoice by the computer.

Claim 31 (Currently Amended): The method of claim 28 further comprising sending an email notification by the computer when the first real invoice is generated.

Claim 32 (Currently Amended): The method of claim 28 further comprising determining whether the first lot having WIP status is picked for another pre-picked invoice by the computer, and, if so, not to show the first lot for selection.

Claim 33 (Currently Amended): The method of claim 28 further comprising determining whether a plurality of child lots split from the first lot having WIP status have achieved F/G status at the first shipping time by the computer.

Claim 34 (Currently Amended): The method of claim 28 further comprising picking a second lot corresponding to the IC product having WIP status for the pre-picked invoice by the computer, and generating a new pre-picked invoice by the computer if the second lot has not yet achieved F/G status at the first shipping time.

Claim 35 (Currently Amended): The method of claim 34 further comprising determining whether the second lot has achieved F/G status at a second shipping time by the computer, and generating a second real invoice corresponding to the new pre-picked invoice for the order and the second lot by the computer if the second lot has achieved F/G status.

Claim 36 (Currently Amended): The method of claim 35 further comprising closing the new pre-picked invoice by the computer if the second real invoice has been generated.